

Idaho Heating, Ventilation, and Air Conditioning Board Meeting

Thursday – December 7, 2004 – 9:00 A.M.

**Division of Building Safety
1090 E. Watertower Street
Meridian, Idaho**

The following report is not intended to be a verbatim transcript of the discussions at the meeting, but is intended to record the significant features of those discussions.

CALL TO ORDER

Chairman Minegar called the meeting to order at 9:05 a.m. on Tuesday, December 7, 2004, at the Division of Building Safety, Meridian, Idaho.

PRESENT

Board members present were: Mr. Pat Minegar, Mr. Russ Firkins, Ms. Carol Alexander, Mr. Jim Bledsoe, Mr. Steve Brown, Mr. Mike Wisdom, and Mr. Steve Keys

Present from the Division of Building Safety were: Mr. Dave Munroe, Administrator; Ms. Marsi Woody, Financial Officer; Ms. Kay Christensen, Attorney General's Office; Ted Hogander, Bureau Chief; Russ Owen, Program Supervisor; Jack Rayne, Building Bureau Chief; and Melinda Doan, Administrative Assistant and Recording Secretary.

Also present were: Mr. Larry Thatcher, Manchester Tank; Mr. Rick Harris, Double H Gas; Mr. John Huskinson, V-1 Propane; Mr. Ryan Poole, V-1 Propane; Mr. Gary Van Hees, V-1 Propane; Mr. Rick Evans, All Seasons Propane; Mr. Bill Dennis, V-1 Propane; Mr. Kraig Stevenson, ICC; Mr. Kevin Keller, PPS Co.; Mr. Rod Clay, Plumbers and Pipefitter-JATC; Mr. Jerry Peterson, Idaho Building Trades; Mr. Russel Goyen, City of Idaho Falls; Mr. George Smith, Idaho Falls Heating Board; Mr. Bob Corbell, HVAC Assn.; Mr. Gary Smith, NWHPBA; Mr. Colin Rogers, HVAC; Mr. Paul Pusey, Idaho Man. Hsg. Assn.; Mr. Alan L. Koyle, HVAC; Mr. Jack Garrett, Garrett Investigation; Ms. Sophia Fleming, Keto Heating and Cooling; Mr. Baron Glasglow, Rocky Mtn. Propane Assn.; Mr. Rob Cox, City Service Valcon; Mr. Gene Corne, City Service Valcon; Mr. Bret Steel, Alpine Propane; Ms. Cindy McCuistra, Alpine Propane; Mr. Chuck Guenther, FEI; Mr. Floyd F. Reichert, SMWIA213; Eric Milstad, Legislative Services; and Mr. Jim Byrer, Clearwater Propane Company.

MINUTES OF SEPTEMBER 9, 2004

Chairman Minegar requested a motion to accept the minutes of the Heating, Ventilation, and Air Conditioning Board Meeting of September 9, 2004. Mr. Russ Firkins made a motion to approve the minutes as presented. Mr. Mike Wisdom Seconded. All were in favor. None opposed.

LEGISLATION

CODE AMENDMENTS

A review of proposed amendments to the IMC, IFGC, and IRC was given and discussion concerning cost, safety, statewide consistency, and exceptions ensued.

Mr. Russ Firkins moved to approve text changes to Docket 07-0701-0404 as follows:

Section 004: 2003 International Mechanical Code:

Adoption and Incorporation by reference of the 2003 International Mechanical Code, including appendix “A”, (herein IMC) is adopted and incorporated by reference with the following amendments. The 2003 International Mechanical Code is available at the Division of Building Safety, 1090 E. Watertower St., Meridian, Idaho 83642; and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d’Alene, Idaho 83814.

Item Number 01: Where the differences occur between this code and Idaho Code Title 54, Chapter 50, and IDAPA 07, Title 07; the provisions in Idaho Code and IDAPA Rules shall apply.

Item Number 02: All references to the International Plumbing Code (IPC) shall be changed to the Uniform Plumbing Code (UPC) as adopted and amended by the Idaho State Plumbing Board.

Item Number 03: All references to the ICC Electrical Code (ICC EC) shall be changed to the National Electrical Code (NEC) as adopted by the Idaho State Electrical Board.

Item Number 04: Section 312; Sizing requirements shall be set forth by the authority having jurisdiction.

Section 005: 2003 International Fuel Gas Code:

Adoption and Incorporation by reference of the 2003 International Fuel Gas Code, including appendixes “A, B, C, and D”, (herein IFGC) is adopted and incorporated by reference with the following amendments. The 2003 International Fuel Gas Code is available at the Division of Building Safety, 1090 E. Watertower St., Meridian, Idaho 83642; and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d’Alene, Idaho 83814.

Item Number 01: Where the differences occur between this code and Idaho Code Title 54, Chapter 50, and IDAPA 07, Title 07; the provisions in Idaho Code and IDAPA rules shall apply.

Item Number 02: All references to the International Plumbing Code (IPC) shall be changed to the Uniform Plumbing Code (UPC) as adopted and amended by the Idaho State Plumbing Board.

Item Number 03: All references to the ICC Electrical Code (ICC EC) shall be changed to the National Electrical Code (NEC) as adopted by the Idaho State Electrical Board.

Item Number 04: Section 303.3. Delete Exceptions 3 and 4. Unvented fuel-burning room heaters shall not be installed in Groups A, E, I, or R Occupancy.

Item Number 05: Section 406.4. Change the last sentence to: Mechanical gauges used to measure test pressure shall have a range such that the highest end of the scale is not greater than two (2) times the test pressure nor lower than one and one half (1.5) times the test pressure.

Item Number 06: Section 406.4.1. Test Pressure. Not less than 20 psig (140kPa gauge) test shall be required for systems with a maximum working pressure up to ten (10) inches water column. For systems with a maximum working pressure between ten (10) inches water column and 10 psig (70kPa gauge); not less than 60 psig (420 kPa gauge) test pressure shall be required. For systems over 10 psig (70kPa gauge) working pressure, minimum test pressure shall be no less than six (6) times working pressure.

Item Number 07: Section 406.4.2. The test duration shall not be less than twenty (20) minutes.

Mr. Russ Firkins moved to add to the draft, between Items 7 and 8, a reference of Section 505.1.1 and add the exception as presented by Mr. Goven which reads: An interlock between the cooking appliance and the exhaust hood system shall not be required for appliances that are of the manually operated type and are factory equipped with standing pilot burner ignition systems. Ms. Carol Alexander seconded. All were in favor.

Change Item Number 08 to read Item number 09: Section 621.4. Prohibited Locations. Unvented fuel-burning room heater shall not be installed, in a Group A, E, I, or R occupancy.

Section 006: Adoption and incorporation by reference of parts V (Mechanical) and Parts VI (Fuel Gas) of the 2004 International Residential Code for one and two-family dwellings.

Parts V (Mechanical) and Parts VI (Fuel Gas) of the 2003 International Residential Code for one and two-family dwellings, including appendixes “A, B, C, and D”, (herein IRC) are adopted and incorporated by reference with the following amendments. The 2004 International Fuel Gas Code is available at the Division of Building Safety, 1090 E. Watertower St., Meridian, Idaho 83642; and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d’Alene, Idaho 83814.

Item Number 01: Where the differences occur between this code and Idaho Code Title 54, Chapter 50, and IDAPA 07, Title 07; the provisions in Idaho Code and IDAPA rules shall apply.

Item Number 02: All references to the International Plumbing Code (IPC) shall be changed to the Uniform Plumbing Code (UPC) as adopted and amended by the Idaho State Plumbing Board.

Item Number 03: All references to the ICC Electrical Code (ICC EC) shall be changed to the National Electrical Code (NEC) as adopted by the Idaho State Electrical Board.

Item Number 04: Section M1401.3. Sizing requirements shall be set forth b the authority having jurisdiction.

Item Number 05: Section G2406.2 (303.3). Exceptions 3 and 4. Unvented fuel-burning room heaters shall not be installed in a Group R occupancy.

Item Number 06: Section G2417.4 (406.4). Change the last sentence to: Mechanical gauges used to measure test pressure shall have a range such that the highest end of the scale is not greater than two (2) times the test pressure nor lower than one and one half (1.5) times the test pressure.

Item Number 07: Section G2417.4.1 (406.4.1). Test Pressure. Not less than 20 psig (140kPa gauge) test shall be required for systems with a maximum working pressure up to ten (10) inches water column. For systems with a maximum working pressure between ten (10) inches water column and 10 psig (70kPa gauge); not less than 60 psig (420 kPa gauge) test pressure shall be required. For systems over 10 psig (70kPa gauge) working pressure, minimum test pressure shall be no less than six (6) times working pressure.

Item Number 08: Section G2417.4.2 (406.4.2). The test duration shall not be less than twenty (20) minutes.

Item Number 09: Section 2445.4 (621.4). Prohibited locations. Unvented fuel-burning room heaters shall not be installed in a Group R occupancy.

Mr. Russ Firkins made a motion to adopt the code amendments to the 2003 International Mechanical Code, 2003 International Fuel Gas Code, and parts V Mechanical and VI Fuel Gas of the 2003 International Residential Code as discussed and presented with the addition of the motions already passed. Seconded. No discussion. All in favor.

RULES FOR APPRENTICES, SPECIALTY JOURNEYMAN, AND SPECIALTY APPRENTICES

Section 024: HVAC Specialty Journeyman Certificates of Competency.

Item Number 01: Requirements for HVAC Specialty Journeyman.

- a. Experience. Demonstrate to the satisfaction of the board, a minimum of two (2) years experience working in the trade, in compliance with the requirements of the state in which the applicant received his supervision, or as a registered HVAC apprentice or registered HVAC specialty apprentice making HVAC installations on the job under the supervision of a qualified HVAC journeyman or qualified HVAC specialty journeyman.
- b. Education. Successfully complete any required apprenticeship training courses.
- c. Examination. Applicants for certification as HVAC specialty journeyman must successfully complete an examination designated by the board.

Section 025: HVAC Apprentice requirements for registration.

Item Number 01: Requirements for HVAC Apprentice.

- a. Age. Minimum of eighteen (18) years of age.

Mr. Steve Keys made a motion to change Section 025, Item number 01 A, to read the minimum age of 18 years of age with the exception of 16 years or older if registered in a BAT certified program. Mr. Steve Brown seconded. No discussion. Six in favor. One opposed.

- b. Training. Maintain enrollment in, or successfully complete, a training program approved by the board.
- c. Supervision. Work under the supervision of a certified HVAC journeyman.

Section 026. HVAC Specialty Apprentice requirements for registration.

Item Number 01: Requirements for HVAC Apprentice.

- a. Age. Minimum of eighteen (18) years of age or 16 years of age or older if registered in a BAT certified program.
- b. Training. Maintain enrollment in, or successfully complete, a training program approved by the board.
- c. Supervision. Work under the supervision of a certified HVAC journeyman or certified HVAC Specialty journeyman.

Mr. Russ Firkins summarized the proposed docket, number 07-0701-0404. Items number 004, 005, and 006 as amended have already been approved by motion. New item 010, changed from 008, adding specialty journeyman and specialty apprentices. Section 007 (formerly 005): Office -- Office Hours -- Mailing address and street address. The office telephone number will be changed to read (208) 334-6180 and the facsimile number will be changed to read (208) 855-0768. Section 023.01.a: The word "constant" will be omitted from the last sentence. Mr. Firkins made a motion to approve this docket with the revisions outlined and submit it to the legislature for their approval. Seconded. All in favor. None opposed.

A summary of proposed statutory changes was given for the boards review to be considered as future rules changes are discussed.

CLASSIFICATIONS/DEFINITION

Mr. Russ Firkins made a motion to postpone this discussion until the next meeting. Seconded. All were in favor.

MANUFACTURED HOUSING INSTALLERS

Mr. Jack Rayne gave the board a handout of Chapter 8, Mechanical Connections. An overview was given regarding what is required during installation, 1976 HUD Federal laws, and requirements when a home is moved for a second time. The board agreed that manufactured/mobile home installers are already licensed to install cross-over ducts, dryer vents, and roof vents for water heaters and furnaces through Chapter 8 and will not be required to hold HVAC certification at this time. No action by the HVAC board was required or taken since the HVAC board does not have legal authority to require HVAC certification.

BREAK

12:10 P.M. TO 12:29 P.M.

GAS SERVICE PROVIDERS

NFP 54/58 already addresses the issue of public utilities. No action by the HVAC board was required or taken.

INSPECTION AREAS

Action was not required by the board. The HVAC Bureau presented the most current list of cities and counties who have opted to have state inspections. Fire inspector, Mr. Larry Thatcher, requested instruction on who to notify in the event of a gas fire when the installation appears to be the cause and the installation was permitted and inspected. He was instructed to notify the presiding inspection jurisdiction.

TRAINING

Mr. Gary Smith of the Northwest Hearth, Patio, and BBQ Association summarized the definition of Hearth products, licensing classifications and the existing NFI training program. The board did not require action.

FINANCIAL REPORT

Ms. Woody presented the current HVAC Bureau financial statement for review.

ADJOURNMENT

The meeting was adjourned at 1:23 P.M.

COPY

DAVE MUNROE
SECRETARY OF THE BOARD